DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 16313-0037

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

was f We hearly state that we hat amended by any amendment of the sin the United States country before our invention was not in public use or counderstand that we have a	ached hereto. iled on April 6, 20 we reviewed and int referred to ab of America bef in thereof or more on sale in the Ur duty of candor a	Ol as Application No. 09/8: understand the contents ove. We do not know a ore our invention thereo e than one year prior to t nited States of America and good faith toward the	which a patent is sought on the nts", the specification of which: 28,447. of the above-identified specification and do not believe that the same we fi, or patented or described in any the date of this application. We further than one year prior to the described in any the date of this application with the patent and Trademark Office, and is application in accordance with	on, including the claims, as was ever known or used by printed publication in any ther state that the invention ate of this application. We dive acknowledge the duty
or inventor's certificate lis	ted below, and he common with the	nave also identified belo	tes Code, §119 (a)-(d) of the foreign any foreign application for pate fication and having a filing date be	ent or inventor's certificate
Application No.	Country	Filing Date	Priority Claimed Under 35	USC §119
			Yes	_No
below:			119(e) of any United States provi	sional application(s) listed
60/196,001 (Application No.)		April 7, 2000 (Filing Date)	(Application No.)	(Filing Date)
as the subject matter disclo	sed and claimed irst paragraph of Title 37, Code of	in the present application Title 35, United States of Federal Regulations, §	0 of any United States application(n is not disclosed in the prior Unit Code §112, We acknowledge the	ed States application in the e duty to disclose material
	idonal of 1 C 1 III	ternational filing date of		ween the filing date of the
Application Serial No.		ternational filing date of		_
We further declare that all and belief are believed to be the like so made are punish that such willful false states? POWER OF ATTORNEY: 7 and Trademark Office connections.	statements made true; and furth nable by fine or ments may jeopa. The following attocted therewith: Poss; Lisa M. Co	e herein of our own knower that these statement wimprisonment, or both, urdize the validity of the arneys are hereby appointed eter G. Pappas - 33,205	this application:	nents made on information willful false statements and he United States Code, and hereon. sact all business in the Patent lliam L. Warren - 36,714;
We further declare that all and belief are believed to be the like so made are punish that such willful false states. POWER OF ATTORNEY: 7 and Trademark Office conne. Michael S. Pavento - 42,9 P47,754; Kevin W. King — Send correspondence to: SU	statements made true; and further true; and furt	e herein of our own knower that these statement wimprisonment, or both, urdize the validity of the arneys are hereby appointed eter G. Pappas - 33,205 bern - 44,669; Robert ASBILL & BRENNAN Let, NE	status: patented, pending, abandowledge are true and that all statemere made with the knowledge that ander Section 1001 of Title 18 of the pplication or any patents issuing the to prosecute this application and tran; Daniel J. Warren - 34,272; William Lester - 24,004; Erinn C. Kelly	nents made on information willful false statements and he United States Code, and hereon. sact all business in the Patent lliam L. Warren - 36,714; y - 44,822; Jerry C. Liu - 04) 853-8000
We further declare that all and belief are believed to be the like so made are punish that such willful false states. POWER OF ATTORNEY: 7 and Trademark Office conne. Michael S. Pavento - 42,9 P47,754; Kevin W. King — Send correspondence to: SU	statements made true; and further true; and furt	e herein of our own knower that these statement with imprisonment, or both, urdize the validity of the arneys are hereby appointed eter G. Pappas - 33,205 bern - 44,669; Robert ASBILL & BRENNAN Let, NE 9-3996	status: patented, pending, abando wledge are true and that all staten ere made with the knowledge that nder Section 1001 of Title 18 of the pplication or any patents issuing the to prosecute this application and tran ; Daniel J. Warren - 34,272; Wi a. Lester - 24,004; Erinn C. Kelly LIP Direct telephone calls at (4 Lisa M. Cobe Citizenship: Brazi) Date:	nents made on information willful false statements and he United States Code, and hereon. sact all business in the Patent lliam L. Warren - 36,714; y - 44,822; Jerry C. Liu - 04) 853-8000

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams I	Blvd., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., C	Cary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G. C	Cary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Drive, C	Cary, North Carolina 27513

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 16313-0037

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

	As below named inventors,	we hereby decl	are that:			
		ed Proteins and ched hereto.	d Methods of Use in Pl	lants", the specificatio	ought on the	e we are the original, first invention entitled "Signal
	We have by state that we have	led on April 6, 20	001 as Application No. 09	/828,447. ta af tha abaya idantifi	ad appointmentio	n including the claims as
DE	We never state that we have made that we have the many amendment that we have a state that we have the many amendment that we have the many amendment that we have that we have the many amendment that we have the hard that we have the hard that we have that we have the hard that we have that we have the hard that we have that we have that we have the hard that we have the hard tha					
	others in the United States country before our invention was not in public use or or understand that we have a country to disclose information who Regulations, §1.56.	n thereof or mon n sale in the U duty of candor of	re than one year prior to nited States of Americ and good faith toward t	the date of this application more than one year the Patent and Trademan	ation. We furt prior to the da ark Office, and	her state that the invention te of this application. We we acknowledge the duty
	We hereby claim foreign pr or inventor's certificate list disclosing subject matter in on which priority is claimed	ed below, and common with t	have also identified be	low any foreign applic	ation for pate	nt or inventor's certificate
	Application No.	Country	Filing Date	Priority Clain	ned Under 35 U	JSC §119
				Yes		No
	I hereby claim the benefit below:	under Title 35	, United States Code,	§ 119(e) of any Unite	d States provis	sional application(s) listed
	60/196,001		April 7, 2000			
	(Application No.)		(Filing Date)	(Application	n No.)	(Filing Date)
	We hereby claim the benefi as the subject matter disclor manner provided by the fir information as defined in a prior application and the na	sed and claimed rst paragraph of Litle 37, Code	l in the present applicat f Title 35, United Stat of Federal Regulations	ion is not disclosed in es Code §112, We ac , §1.56 which became	the prior Unite knowledge the	ed States application in the duty to disclose material
	Application Serial No.	Filir	ng Date	Status: patented, pe	ending, abando	<u>ned</u>
	We further declare that all and belief are believed to be the like so made are punish that such willful false staten	e true; and furth able by fine or nents may jeopa	ner that these statement imprisonment, or both, ardize the validity of the	were made with the kr under Section 1001 o application or any pat	owledge that we fail Title 18 of the cents issuing the	villful false statements and le United States Code, and ereon.
	POWER OF ATTORNEY: T and Trademark Office connect Michael S. Pavento - 42,9 P47,754; Kevin W. King - 4	cted therewith: F 85; Lisa M. Co	Peter G. Pappas - 33,2	05; Daniel J. Warren	- 34,272; Wil	liam L. Warren - 36,714;
	Send correspondence to:SU	THERLAND A Peachtree Stre		LLP Direct teleph	one calls at (40	04) 853-8000
		lanta, GA 3030	•		Lisa M. Cobe	m, Esq.
	Full name of sole or first in	ventor: Oswald	o da Costa e Silva	Citizens	hip: Brazil	
	Inventor's signature	. caron Oswald	o da Codia o Oliva	Date:		
	Residence and Post Office	Address: 203 L	ittleford Lane, Apex, N			
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Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams	Blvd., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor	n Thielen Citizenship: Canada
Inventor's signature	Date: 5,30,000
Residence and Post Office Address:	06-T Hyde Park Ct., Cary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G, Ca	ary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Drive, C	ary, North Carolina 27513

BECLARATION AND POWER OF A FORNEY

Attorney's bocket No. 16313-0037

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Ruoying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

Joint in rentors of the subject Stress-Related Proteins and is attacted. We hereby state that we have amended by any amendment our invention thereof or mouse or on sale in the United duty of candor and good fairs material to the examination. We hereby claim foreign printentor's certificate listed by the strength of the subject of the	t matter which is d Methods of U hed hereto. Hed on April 6, 200 ave reviewed and treferred to aborica before our is re than one year States of Amerith toward the Fon of this applicationity benefits to below and have	Is claimed and for which use in Plants", the special as Application No. 09/8 and understand the control which we have the date of the control	a a patent is sought on the investification of which: 828,447. Ents of the above-identified synd do not believe that the sartented or described in any prires application. We further state prior to the date of this application of the date of this application. Title 37, Code of Federal Restates Code, §119 (a)-(d) of the ny foreign application for patential content of the same	pecification, including the claims, as me was ever known or used by others at the invention was not in public cation. We understand that we have a me duty to disclose information which regulations, §1.56.
Application No.	Country	Filing Date	Priority Claimed Und	der 35 USC §119
			Yes	No
I hereby claim the benefit u	nder Title 35, U	nited States Code, § 11	9(e) of any United States prov	risional application(s) listed below:
60/196,001 (Application No.)	<i></i>	April 7, 2000 (Filing Date)	(Application No.)	(Filing Date)
the subject matter disclosed	and claimed in aph of Title 35 f Federal Regul	the present application, United States Code § ations, §1.56 which be	is not disclosed in the prior U 112. We acknowledge the du	lication(s) listed below and, insofar as inited States application in the manner ty to disclose material information as iling date of the prior application and
Application Serial No.	Filir	ng Date	Status: patented, pending,	abandoned
belief are believed to be true	e; and further the fine or impriso	nat these statement were nment, or both, under	e made with the knowledge th	statements made on information and lat willful false statements and the like he United States Code, and that such eon.
Trademark Office connected t	herewith: Peter (G. Pappas - 33,205; Da	miel J. Warren - 34,272; Wil	and transact all business in the Patent and Iliam L. Warren - 36,714; Michael S. 22; Jerry C. Liu – P47,754; Kevin W.
999	THERLAND A 9 Peachtree Stre lanta, GA 3030	et, NE	Lisa M	ls at (404) 853-8000 I. Cobern, Esq.
Full name of sole or first in	ventor: Oswald	o da Costa e Silva	Citizenship: Br	azil
Inventor's signature Residence and Post Office	Address: 203 L	ittleford Lane, Apex. N	Date: orth Carolina 27502	
Additional inventors are b				

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Blvd.,	Apartment 13-208, Tucson, Arizona 85710
Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., Cary	, North Carolina 27513
Full name of fourth inventor: Ruoying Chen	Citizenship: China,
Full name of fourth inventor: Ruoying Chen Inventor's signature	
Full name of fourth inventor: Ruoying Chen Inventor's signature Residence and Post Office Address 105 Rustic Pine Court, Ape	
Full name of fourth inventor: Ruoying Chen Inventor's signature Residence and Post Office Address 105 Rustic Pine Court, Ape	
Full name of fourth inventor: Ruoying Chen Inventor's signature Residence and Post Office Address 105 Rustic Pine Court, Ape Full name of fifth inventor: Manabu Ishitani	
Inventor's signature Residence and Post Office Address 105 Rustic Pine Court, Ape	Date: 6/4/>00 ex, North Carolina 27502 Citizenship: Japan Date:

Attorney's ... ket No. 16313-0037

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

_					
1	Our esidence, post office add	resses and cit	izenships are as stated	below next to our names. We	e believe we are the original, first
	and joint inventors of the sub Transdiction Stress-Related				on the invention entitled "Signal ich:
' (is attache			, spee	
	was med	on April 6, 20	01 as Application No. 09/	828,447.	
	We hereby state that we have	eviewed and	understand the content	s of the above-identified spec	ification, including the claims, as
M A					same was ever known or used by in any printed publication in any
					We further state that the invention
	was not in public use or on s	ale in the Ur	nited States of America	more than one year prior to	the date of this application. We
					ce, and we acknowledge the duty with Title 37, Code of Federal
	Regulations, §1.56.	is material	to the examination of t	ms application in accordance	e with Title 37, Code of Tederal
	or inventor's certificate listed	below, and I	nave also identified bel	ow any foreign application for	e foreign application(s) for patent or patent or inventor's certificate date before that of the application
	Application No.	Country	Filing Date	Priority Claimed Und	ler 35 USC §119
				Yes	No
	below:			119(e) of any United States	s provisional application(s) listed
	60/196,001		April 7, 2000 (Filing Date)	(Application No.)	(Eiling Date)
	(Application No.)		(Fining Date)	(Application No.)	(Filing Date)
	as the subject matter disclosed manner provided by the first	and claimed paragraph of e 37, Code of hal or PCT in	in the present application of Title 35, United State of Federal Regulations,	on is not disclosed in the prices Code §112, We acknowled §1.56 which became available	cation(s) listed below and, insofar or United States application in the dge the duty to disclose material ale between the filing date of the abandoned
	and belief are believed to be tr	ue; and furth e by fine or	er that these statement imprisonment, or both,	were made with the knowledg under Section 1001 of Title	statements made on information e that willful false statements and 18 of the United States Code, and uing thereon.
	and Trademark Office connected	therewith: P	eter G. Pappas - 33,20	5; Daniel J. Warren - 34,27	nd transact all business in the Patent 2; William L. Warren - 36,714;
	Michael S. Pavento - 42,985; P47,754; Kevin W. King - 42,		bern - 44,669; Robert	A. Lester - 24,004; Erinn C	. Kelly - 44,822; Jerry C. Liu -
	Send correspondence to:SUTE	IERLAND A		LLP Direct telephone call	ls at (404) 853-8000
		a, GA 30309	· ·	<u>Lisa M</u>	. Cobern, Esq.
	Full name of sole or first inven	tor: Oswaldo	o da Costa e Silva	Citizenship: Br	azil
	Inventor's signature			Date:	
	Residence and Post Office Add	lress: 203 Li	ttleford Lane, Apex, No	orth Carolina 27502	
	Additional inventors are being	ng named on se	eparately numbered sheets	attached hereto.	

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Blvd	., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., Ca	ry, North Carolina 27513

Full name of fourth inventor: Rouying Che	n Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Co	ollier Place 1-G, Cary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature Managu Lanitum	Date: 5/55/0/
Residence and Post Office Address: 1103 Millhouse Drive, Cary, No.	orth Carolina 27513

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 16313-0037

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

	As below named inventors,	we hereby decla	re that:				
AUG 2	and joint inventors of the Transduction Stress-Relation Stress-Relation Stress-Relation Stress-Relation Stress-Relation Stress-Relation Stress was fix when the Westereby state that we have a stress of the Stress was fixed by any amendment of the Stress of the Stress was fixed by the Stress was	subject matter valed Proteins and ched hereto. Iled on April 6, 20 we reviewed and not referred to about of America befor thereof or more	which is claimed and for the Methods of Use in P Of as Application No. 09 understand the content ove. We do not know ore our invention there e than one year prior to	ts of the above-identified specification and do not believe that the same weef, or patented or described in any to the date of this application. We fur	on, including the claims, as vas ever known or used by printed publication in any ther state that the invention		
	was not in public use or on sale in the United States of America more than one year prior to the date of this application. understand that we have a duty of candor and good faith toward the Patent and Trademark Office, and we acknowledge the d to disclose information which is material to the examination of this application in accordance with Title 37, Code of Feder Regulations, §1.56.						
	or inventor's certificate list	ted below, and le common with the	nave also identified be	States Code, §119 (a)-(d) of the forei low any foreign application for pate scification and having a filing date be	ent or inventor's certificate		
	Application No.	Country	Filing Date	Priority Claimed Under 35	USC §119		
				Yes	No		
	I hereby claim the benefit below:	under Title 35,	United States Code,	§ 119(e) of any United States provi	sional application(s) listed		
	60/196,001		April 7, 2000	(Aug Basien Na V	(Filing Data)		
	(Application No.)		(Filing Date)	(Application No.)	(Filing Date)		
	as the subject matter disclo- manner provided by the fi	sed and claimed rst paragraph of Fitle 37, Code of	in the present applicate Title 35, United State of Federal Regulations	120 of any United States application is not disclosed in the prior Unit es Code §112, We acknowledge the \$1.56 which became available bet of this application:	ed States application in the e duty to disclose material		
	Application Serial No.	Filin	g Date	Status: patented, pending, abando	oned		
	and belief are believed to be the like so made are punish that such willful false stater. POWER OF ATTORNEY: The and Trademark Office connect Michael S. Pavento - 42,9 P47,754; Kevin W. King - 42,9 P47,754; Kevin W.	e true; and furth table by fine or ments may jeopa the following atto cted therewith: P 85; Lisa M. Co 42,737.	er that these statement imprisonment, or both rdize the validity of the rneys are hereby appoint eter G. Pappas - 33,2 bern - 44,669; Robert ASBILL & BRENNAMET, NE	nowledge are true and that all stater were made with the knowledge that under Section 1001 of Title 18 of the application or any patents issuing the detection of the application and transplication and tr	willful false statements and he United States Code, and hereon. sact all business in the Patent lliam L. Warren - 36,714 y - 44,822; Jerry C. Liu - 04) 853-8000		
	Full name of sole or first in	ventor: Oswalda	o da Costa e Silva	Citizenship: Brazil			
	Inventor's signature	Tomor. Oswalu	o da Costa e onva	Date:			
	Residence and Post Office	Address: 203 Li	ttleford Lane, Apex. N				

Additional inventors are being named on separately numbered sheets attached hereto.

Full name of second inventor / Hans 1780 haert	Citizenship: Germany
Inventor's signature	Date: $3/30/0/$
Residence and Post Office Address: 5400 East Williams Blvd., A	partment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct.	, Cary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-	G, Cary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Drive,	Cary, North Carolina 27513